

## REMARKS

In the Office Action, the Examiner noted that claims 1-61 are pending in the application, that claims 5-7, 13-19, 20-61 are withdrawn from consideration, leaving Claims 1-4, 8-12 for consideration upon entry of the present Amendment.

Applicant respectfully submits that the rejections under 35 U.S.C. § 112 second paragraph have been traversed, that no new matter has been entered, and that the application is in condition for allowance.

### Objections

The drawings were objected to because of informalities. Figures 1-11 have been corrected and formal drawings are included with this amendment. Additionally, the missing reference numbers cited by the Examiner have been added. Applicant respectfully submits that no new matter was added by this amendment. Reconsideration and withdrawal of these objections are respectfully requested.

Examiner also objected to the drawings failing to show the recycling of water from the second phase separator to the electrochemical cell 18 as described on page 11, paragraph [0043]. Figure 3 has been amended to show a conduit connecting with the electrochemical cell feed loop. Antecedent basis for this change may be found in paragraph [0042]. Additional support for this change can be found in paragraph [0007] which describes the recycling of water into the electrochemical cell water feed conduit. Applicant respectfully submits that no new matter was added by this amendment. Reconsideration and withdrawal of this objection are respectfully requested.

Examiner made several objections to grammatical usage within the specification. By this Amendment, the grammatical irregularities have been corrected. Examiner also objected to paragraph [0031] where the distance  $d'$  was described. Due to a clerical error, the distance  $d'$  was represented as being between the CG sensor and the sensor face 43. By this amendment, the specification has been amended to correctly state that the distance  $d'$  is between the gas sample tube 48 and the sensor face 43. Antecedent basis for this amendment may be found in Figure 2B which shows the distance  $d'$  being the space between the gas sample tube 48 and the sensor face 43. No new matter was added by this

amendment. . Reconsideration and withdrawal of this objection are respectfully requested.

Claims 1, 2, 3, 8, 9, 10, 61 have been objected to because of informalities. Claims 1, 2, 3, 8, 9, and 10 have been amended as requested by the Examiner. A status indicator of (Withdrawn) has been added to Claim 61. Applicant respectfully submits that no new matter was added by this amendment. Reconsideration and withdrawal of this objection are respectfully requested.

**Rejections under 35 USC § 112, Second Paragraph**

Claims 1-4 and 8-12 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1, 2, 3 and 9 have been amended to more distinctly claim the first outlet from the second phase separator. In particular, Claim 1 has been amended to more distinctly claim that the first combustible gas sensor is adjacent to the second phase separator first outlet. Applicant respectfully submits that these amendments were for the purpose of curing the indefiniteness cited by the Examiner and not for the purpose of overcoming a rejection due to prior art. Reconsideration and withdrawal of this rejection are respectfully requested.

## CONCLUSION

For the reasons advanced above, Applicant respectfully submits that the application is in condition for allowance and that action is earnestly solicited.

If there are any additional charges with respect to this Reply or otherwise, please charge them to Deposit Account No. 503125 maintained by applicants' agent.

In the event that an extension of time is required, or may be required in addition to that requested in a petition for extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account 503125

Respectfully submitted,

EDWARD DEMAREST, ET AL.

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